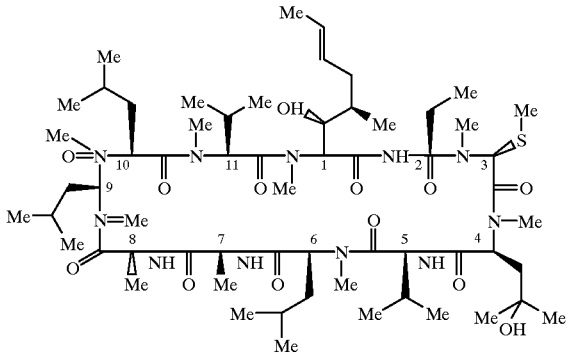
11. The method according to claim 10 wherein the compound is administered in an amount of 0.1 to 20 weight percent.

12. The method according to claim 9 wherein the pharmaceutically acceptable excipient is selected from the group consisting of olive oil, arachis oil, castor oil, polyoxyethylated castor oil, mineral oil, petroleum jelly, dimethyl sulphoxide, an alcohol, liposome, silicone fluid and mixtures thereof.

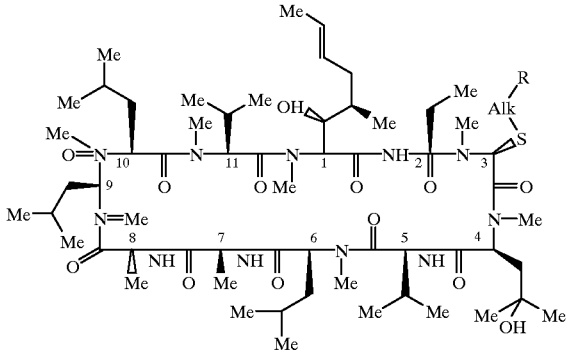
13. The method of claim 12 wherein the pharmaceutically acceptable excipient is dimethyl sulphoxide.

14. A method for treating a disorder exacerbated by deficient tear production in a patient, the method comprising administering topically to the eye, in a pharmaceutically acceptable excipient, a cyclosporin A derivative selected from the group consisting of compounds represented by the general formulas:

(I)

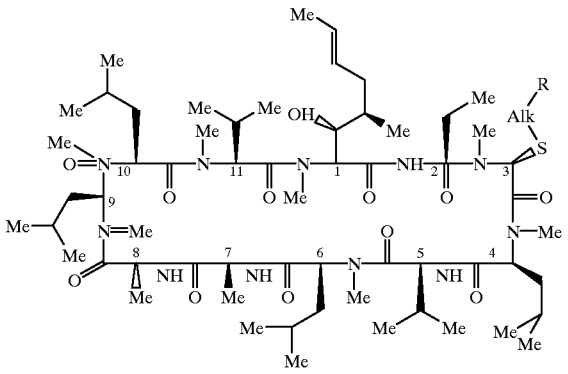


(II)



-continued

(III)



wherein Me is methyl; Alk is 2-6C alkylene or 3-6C cycloalkylene; R is OH, COOH, alkoxycarbonyl,—NR_1R_2 or —$N(R_3)$—$(CH_2)_n$—NR_1R_2; wherein R_1, R_2 is H, alkyl, 3-6C cycloalkyl, phenyl (optionally substituted by halo, alkoxy, alkoxycarbonyl, amino, alkylamino or dialkylamino), benzyl or saturated or unsaturated heterocyclyl having 5 or 6 members and 1-3 heteroatoms; or NR_1R_2 is a 5 or 6 membered heterocycle which may contain a further N, O or S heteroatom and may be alkylated; R_3 is H or alkyl and n is 2-4; and alkyl moieties contain 1-4C.

15. The method according to claim 14 wherein the compound is administered as a solution, suspension or ointment comprising 0.01 to 50 weight percent of the compound.

16. The method according to claim 15 wherein the compound is administered in an amount of 0.1 to 20 weight percent.

17. The method according to claim 14 wherein the pharmaceutically acceptable excipient is selected from the group consisting of olive oil, arachis oil, castor oil, polyoxyethylated castor oil, mineral oil, petroleum jelly, dimethyl sulphoxide, an alcohol, liposome, silicone fluid and mixtures thereof.

18. The method of claim 17 wherein the pharmaceutically acceptable excipient is dimethyl sulphoxide.

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